Angela Marcelli

Lesson Plan for the book “Janis Joplin: Rise Up Singing”

Students will first read the book.

They will have research time on the computer where they will find the chemical formulas for all detrimental substances Janis Joplin ingested over her lifetime. They should include marijuana, methamphetamines, alcohol, heroin, etc. They should also look for the detrimental effects that these substances cause. They will make a graphic organizer that lists the common name of each substance, the IUPAC chemical name of the active ingredient, any chemical fuctional groups present, find evidence of what points in Janis’ life she took the drugs, and what evidence is found in the book that the drug was having a detrimental effect on her. An example would be a table such as the one that follows.

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| Detrimental substance common name | Detrimental substance IUPAC name | Functional groups | Known detrimental effects | Time of life Janis used this substance | Evidence of detrimental effect |
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